KRAMER ELECTRONICS, Ltd.
www.kramerelectronics.com

Video Display System (VDS)

Computer Graphics Video over Twisted Pair Broadcaster, Splitter & Receiver

The Video Display System is a distribution system for analog computer graphics video signals up to 1080p. The system, including a broadcaster, splitter and receiver, can distribute the signals over CAT 5 cable from the source to hundreds of displays.

FEATURES

- Max Resolution - 1080p.
- System Range - 110m (360ft), 250m (820ft).
- Cost Efficient Transmission - Transmit to two back−to−back screens via a single (dual screen) remote.
- Out-of-Band System - For fast image transfer.
- Local PC Input - On remote for classroom control applications.
- Power Over CATx - No need for power supply at the remote side.
- No Player or Computer Needed at Display End.
- Optional Remote - On/off screen control.

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TECHNICAL SPECIFICATIONS

COMPONENTS:	8−port broadcaster and compact, optional control unit, 8−port line splitter, remote for each display device.
RESOLUTION:	HDTV 1080p, 1920x1080 @60Hz (depending on cable length).
I/O VIDEO SIGNALS:	Analog red, green, blue, 0.7Vpp/75Ω.
SYNC:	TTL compatible.
HORIZONTAL/VERTICAL SYNC POLARITY:	Positive/negative.
SYSTEM CABLE:	CAT 5 shielded FTP/UTP cable 2x2x24AWG.
MAX. RANGE:	250m (825ft) @720p with remote long using a low−skew cable.
OPERATING TEMPERATURE:	0° to 40°C (32° to 104°F).
STORAGE TEMPERATURE:	−40° to 70°C (−40° to 158°F).
HUMIDITY:	80% non−condensing relative humidity.
WARRANTY:	3 years.

CONFIGURATIONS

VDS-RL	Minicom VDS CAT5 Video Display Remote Long
VDS-B	Minicom VDS CAT5 Video Display Broadcaster 8-ports
VDS-LS	Minicom VDS CAT5 Video Display Line Splitter 8-ports
VDS-CU	Minicom VDS/AVDS Control unit
VDS-RD	Minicom VDS CAT5 Video Display Remote Dual Screen
VDS-R	Minicom VDS CAT5 Video Display Remote